

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 6, Paragraph [0030] with the following rewritten paragraph:

-- Transfer of communication signals within a designated frequency band is via the same set of conductors is used for power transmission in the quad embodiment and via the single conductor in the 3+1 embodiment. --

Please replace the paragraph beginning at page 7, Paragraph [0033] with the following rewritten paragraph:

-- a) For the quad: An integrated power and signal cable having four insulated copper conductors in fixed radial position relative to each other along the full length of the cable, as illustrated by the cross-section in FIG. 3. The conductors are operated in pairs as indicated, both with respect to power supply and communications signals. The signals use one conductor in each par pair, thus using galvanic separated signal conductors with minimum interference of the signal. --